

Voltage Controlled Oscillator

ROS-ED12880/1

Typical Performance Data

V TUNE	TUNE SENS (MHz/V)	FREQUENCY (MHz)			POWER OUTPUT (dBm)			HARMONICS (dBc)			FREQ. PUSH (MHz/V)	FREQ OFFSET (KHz)	PHASE NOISE (dBc/Hz)
		-55°C	+25°C	+85°C	-55°C	+25°C	+85°C	F2	F3	F4			
0.0	142.82	2524.6	2506.1	2492.4	3.53	3.59	3.63	-19.68	-53.58	-36.75	2.18	1	-71
0.5	113.69	2586.1	2569.7	2557.9	3.38	3.49	3.50	-21.72	-49.90	-41.69	0.94	10	-96
1.0	102.74	2640.0	2624.3	2613.1	3.19	3.40	3.59	-22.05	-45.68	-51.73	0.53	100	-116
1.5	99.41	2690.5	2675.0	2663.9	3.13	3.34	3.45	-23.59	-43.42	-55.68	0.36	1000	-136
2.0	98.38	2739.7	2723.9	2712.8	2.89	3.28	3.24	-24.49	-45.98	-48.50	0.28		
2.5	103.16	2788.4	2772.5	2761.2	2.96	3.32	3.25	-25.54	-48.27	-46.56	0.32		
3.0	95.31	2836.9	2820.9	2809.6	3.35	3.42	3.45	-24.99	-49.12	-48.36	0.59		
3.5	94.86	2885.3	2869.0	2857.5	3.25	3.57	3.77	-25.77	-48.03	-53.02	1.14		
4.0	93.87	2932.8	2916.2	2904.4	3.36	3.74	3.80	-25.89	-46.48	-65.13	2.09		
4.5	87.88	2977.9	2961.1	2949.7	3.67	3.89	3.83	-25.61	-43.99	-58.40	4.73		
5.0	79.69	3019.5	3003.0	2992.0	3.96	4.04	4.06	-25.26	-42.35	-51.13	7.14		
5.5	70.00	3058.2	3042.5	3031.1	3.82	4.30	4.31	-26.36	-43.23	-48.77	8.59		
6.0	65.64	3093.4	3080.1	3067.6	4.10	4.00	4.17	-27.20	-42.25	-47.26	10.73		